植 物 分 类 学 报 40(2):170~172(2002)
Acta Phytotaxonomica Sinica

陕西海桐属一新种

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A new species of *Pittosporum* (Pittosporaceae) from Shaanxi, China

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Key words *Pittosporum qinlingense* Y. Ren et X. Liu; New species; China
关键词 秦岭海桐; 新种; 中国

秦岭海桐 新种 图1

Pittosporum qinlingense Y. Ren et X. Liu, sp. nov. Fig. 1

Species *P. balansae* DC. affinis, sed seminibus 10~12 insertis in tota placenta, foliis lineari-lanceolatis falcatisque, sepalis ovatis differt.

Frutex sempervirens usque ad 2 m altus; rami juveniles tenues, glabri, veterni lenticellati, lenticellis subrotundis. Folia ad apicem rami aggregata, tenuiter coriacea, lineari-lanceolata, saepe leviter falcata, 10~23 cm longa, 7~18(22) mm lata, apice attenuata, basi anguste cuneata, margine leviter repanda, supra viridia, subtus flavo-viridia (in sicco flavo-brunnea); nervi laterales 7~18-jugata, supra indistincti, subtus parum elevati; petioli 6~11 mm longi, compressi; stipulae tenues, ca. 6 mm longae. Umbella in axilla folii, basi squamis ovatis, margine subtusque dense brunneo-pilosis obsita, 3~5-flora; pedunculus brevissimus. Pedicelli inaequilongi, 6~8 mm longi, tenues; bracteae ovato-lanceolatae, ca. 2 mm longae, caducae. Flores flavi, ca. 3.5 mm in diam.; sepala 5, ovata, ca. 3 mm longa, basi leviter connata, margine breviter ciliata; petala 5, ca. 12 mm longa, in parte inferiore 2/3 in tubum connata, lobis ovatis margine irregularibus breviter ciliatis; stamina 5, petalis alterna, inaequilonga, filamentis filamentosis, 6~8 mm longis, antheris sagittatis, basilariter dorsalibus, ca. 2 mm longis, longistrorsum dehiscentibus; pistillum 2-carpelatum; ovarium ovoideum, ca. 4 mm longum, glabrum; placentae parietales 2, ovulis 6 in quoque placento et insertis in tota placenta, stylo simplici 4~5 mm longo, stigmate inflato. Capsula ovoidea usque, ad 2 cm longa, glabra, bivalvis, valvis lignosis, ad 1 mm in crassitie, infra areolatis. Semina saepe 10~12, ad 3.5 mm longa, rubra, in sicco nigro-brunnea, stipitibus ad 4 mm longis, testa mucosa.

常绿灌木,高达2 m;嫩枝纤细,无毛;老枝有近圆形皮孔。叶多簇生于枝顶,薄革质,狭披针形,常镰刀状弯曲,长10~23 cm,宽7~18(22) mm,先端渐尖,基部窄楔形,边缘微波状,上面绿色,下面黄绿色(干后黄褐色);侧脉7~18对,在上面隐约可见,在下面微突起,有时侧脉极不明显;叶柄长6~11 mm,扁平。托叶细,长约6 mm。伞形花序生于叶腋

2001-12-12 收稿。

图 1　秦岭海桐　1. 花枝；2. 花；3. 花，去花冠，示雄蕊和雌蕊；4. 子房纵切；5. 果实；6. 果实纵剖，示种子着生位置。[根据西北大学实习队 96A-127 (PE)：郭木森 绘]

Fig. 1　*Pittosporum qinlingense* Y. Ren et X. Liu　1. Flowering branch; 2. Flower; 3. Flower with corolla removed, showing stamens and pistal; 4. Ovary, longitudinal section; 5. Fruit; 6. Fruit, longitudinal section, showing the attachment of seed. [from EWNT 96A-127(PE)]

内,基部有卵形、边缘及背面密被棕色柔毛的鳞片,具花3~5朵;花序梗极短。花梗不等长,长6~8 mm,纤细;苞片卵状披针形,长约2 mm,早落;花黄色,直径约3.5 mm,萼片5枚,卵形,长约3 mm,基部稍合生,边缘被短睫毛;花瓣5枚,长约12 mm,下部2/3处合生成管状,裂片卵圆形,边缘不规则且具短睫毛;雄蕊5枚,着生于花托上,与花瓣互生,不等长,花丝丝状,长6~8 mm,花药箭形,基部背着药,长约2 mm,纵裂;雌蕊由2枚心皮合生而成;子房卵球形,长约4 mm,无毛,侧膜胎座2个,每个胎座有胚珠6枚,着生于整个胎座上,花柱长4~5 mm,柱头膨大。蒴果卵圆形,长达31 mm,无毛,2瓣裂,果片木质,厚不足1 mm,内面有横格。种子常10~12枚,长达3.5 mm,红色,干后黑褐色;种柄长达4 mm;种皮具粘质。

本种与聚花海桐 *P. balansae* DC.近缘,但种子10~12枚,着生于整个胎座上,叶狭披针形且镰状弯曲,萼片卵形而明显不同。

China. Shaanxi (陕西): Foping (佛坪), Yueba (岳坝), Majiagou (马家沟), alt. 1110 m, 1996-05-03, EWNT (西北大学实习队) 96A-127 (holotypus, PE, hic designatus; isotypus, WNU); ibid., Yueba, Dachenghao (大城壕), alt. 1250 m, 1996-08-29, EWNT 969800 (WNU); ibid., Yueba, Kangjiaping (康家坪), alt. 1110 m, 1997-06-24, EWNT 976083 (WNU); ibid., Yueba, Dachenghao, Meizigou (梅子沟), alt. 1200 m, 1996-06-20, EWNT 961194 (WNU); Nanzheng (南郑), Xihe (西河), Xigou (西沟), alt. 1015 m, 1973-04-12, X. X. Hou (候喜祥) 179 (WUK); ibid., inter Xiaoba et Chenjiaping (小坝至陈家坪), 1977-09-12, Z. X. Hu et Y. H. Guo (胡志新,郭友好) 0840 (WUK). **Gansu** (甘肃): Kangxian (康县), inter Qinghe et Xunkoushi (青河至熏口石), 1963-05-06, Y. Q. He (何叶祺) 349 (WUK).

致谢 西北植物研究所吴振海先生提供该所植物标本馆珍藏的标本,中国科学院植物研究所郭木森同志绘图,在此表示衷心的感谢。

(责任编辑 徐 黎)